

## PATENT ABSTRACTS OF JAPAN

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(71)Applicant : FUJI PHOTO OPTICAL CO LTD

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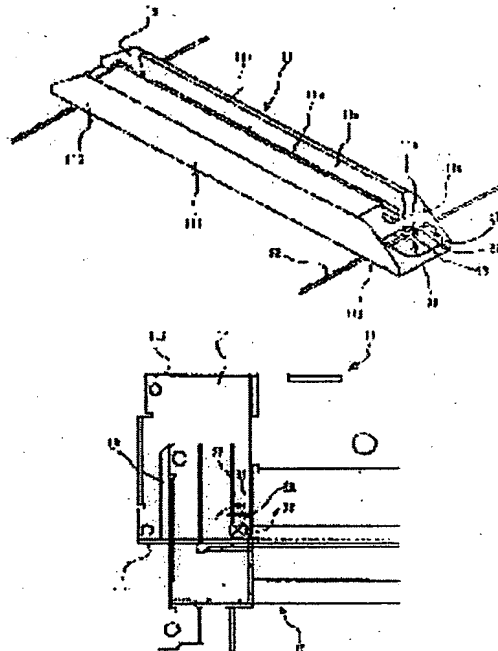
(72)Inventor : HAYASHI HIDEKAZU

## (54) FITTING MECHANISM FOR WIRE DRIVING CARRIER OF IMAGE PROCESSING UNIT

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To simplify a work to fix a wire to a carrier by clamping the drive wire for the carrier that scans an original for the purpose of reading an image of the original or the like with a head of a fastening screw tightened to the carrier and part of the carrier so as to connect the wire to the carrier thereby decreasing the number of components.

**SOLUTION:** A bottom plate 11f is projected outside a groove 11a to which a lighting lamp of a 1st carrier 11 is fitted and a female thread part is formed to a board 31 formed to part of the bottom plate 11f. A lock 27 is formed in the vicinity of the female thread part. In the case of locking the wire 22 to the lock 27, the wire is properly curved and pressed by a fastening screw 33 by its restoration force, the fastening screw 33 is tightened to the female thread part and its head and the board 31 clamp the wire 22. In this case, the wire 22 is placed with respect to the fastening screw 33 so that a reaction of the tightening force of the fastening screw 33 acts on the 1st carrier 11 in a direction where the carrier 11 is moved toward the initial position.



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